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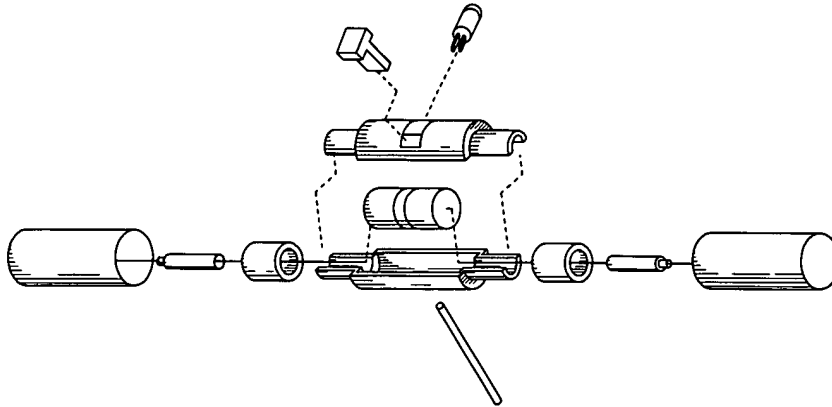


FIG. 1

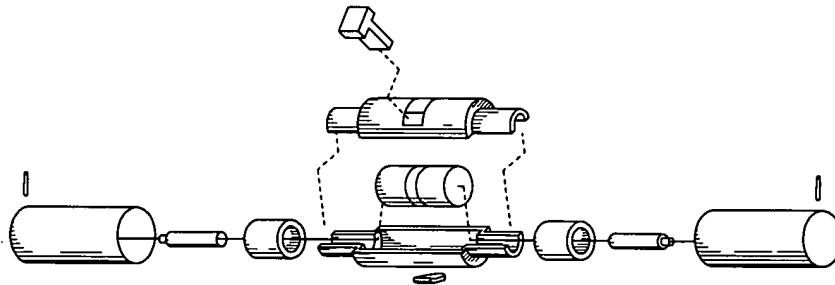


FIG. 2



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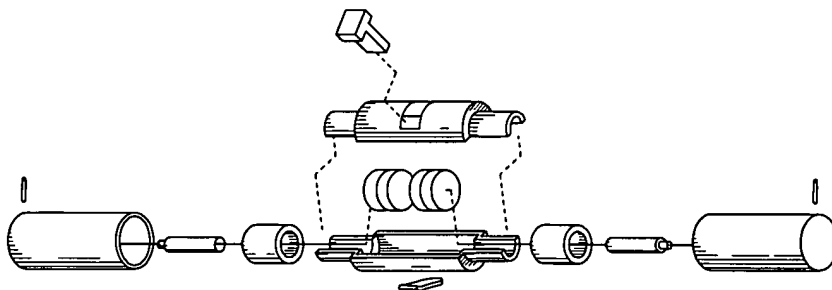


FIG. 3

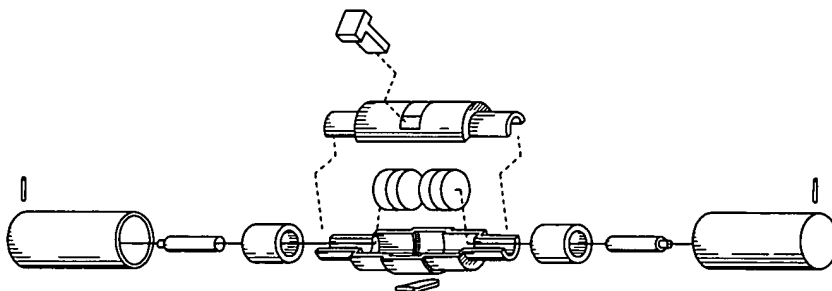


FIG. 4



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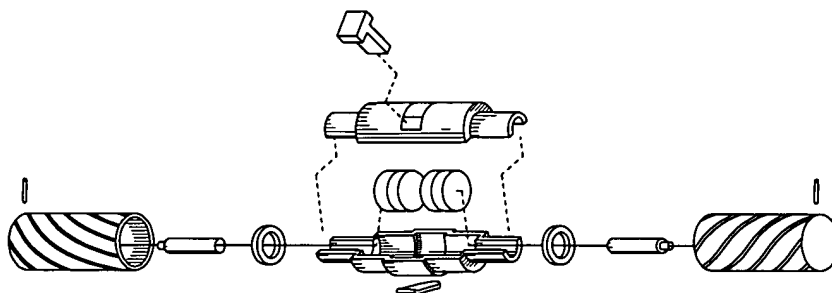


FIG. 5

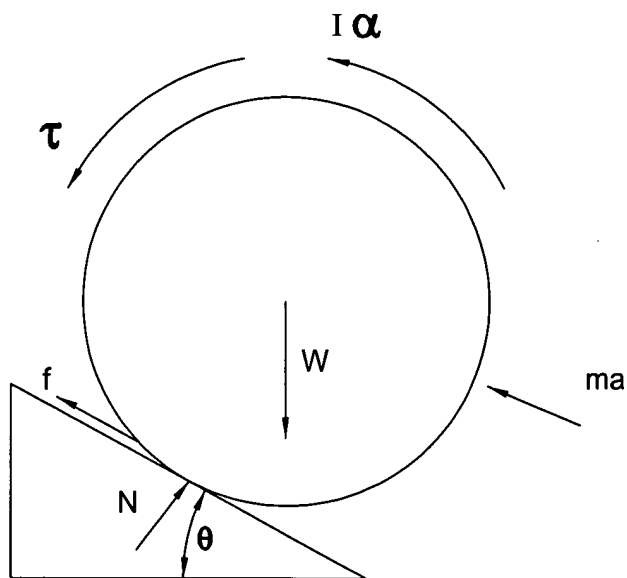


FIG. 6



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FIG. 7

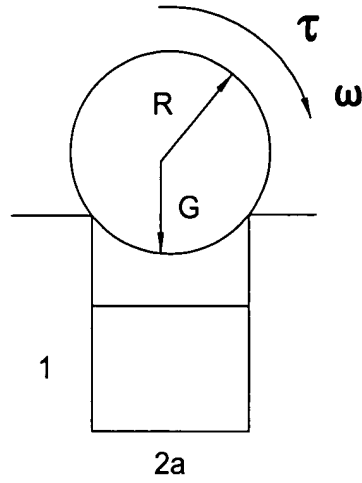
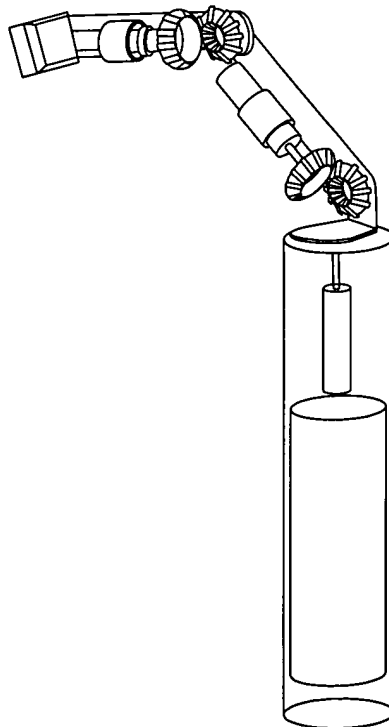


FIG. 8





REPLACEMENT SHEET
Atty Dkt. No.: UNMC/0006
U.S. Serial No.: 10/616,096 Conf. No.: 9525
Filed: July 8, 2003
Applicant: Board of Regents of the University of
Nebraska
Title: MICROROBOT FOR SURGICAL APPLICATIONS
Inventor: Oleynikov et al. Page 5 of 21

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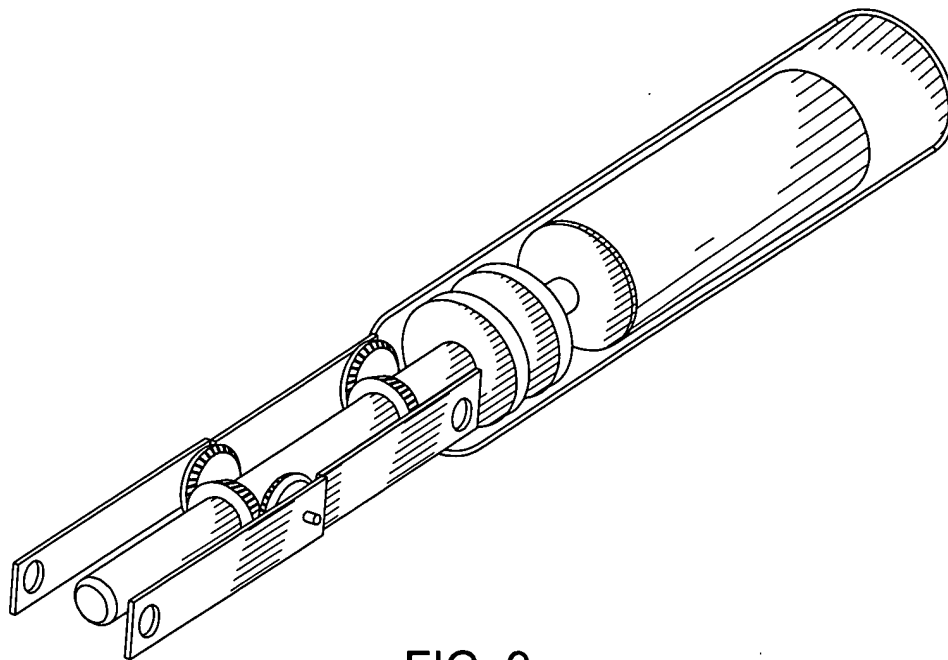


FIG. 9

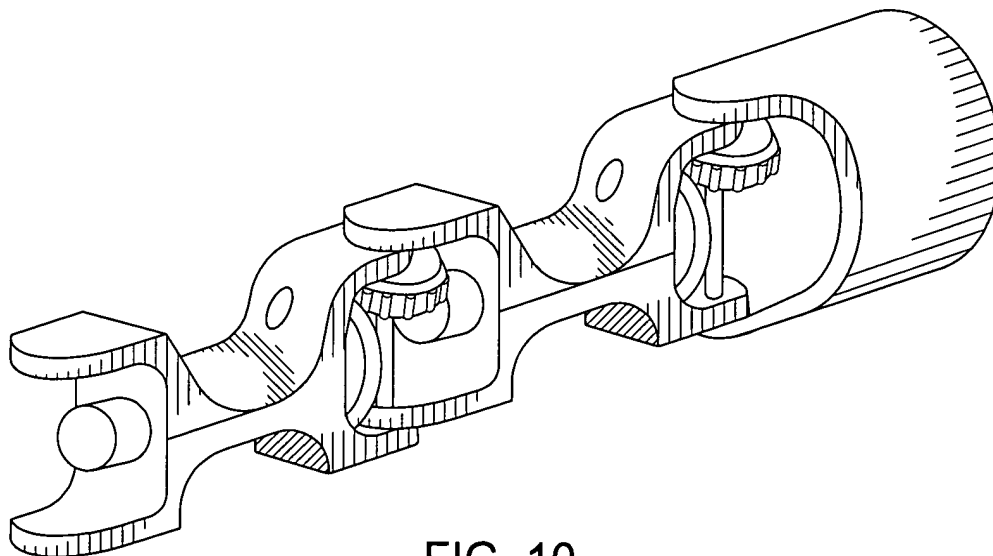


FIG. 10



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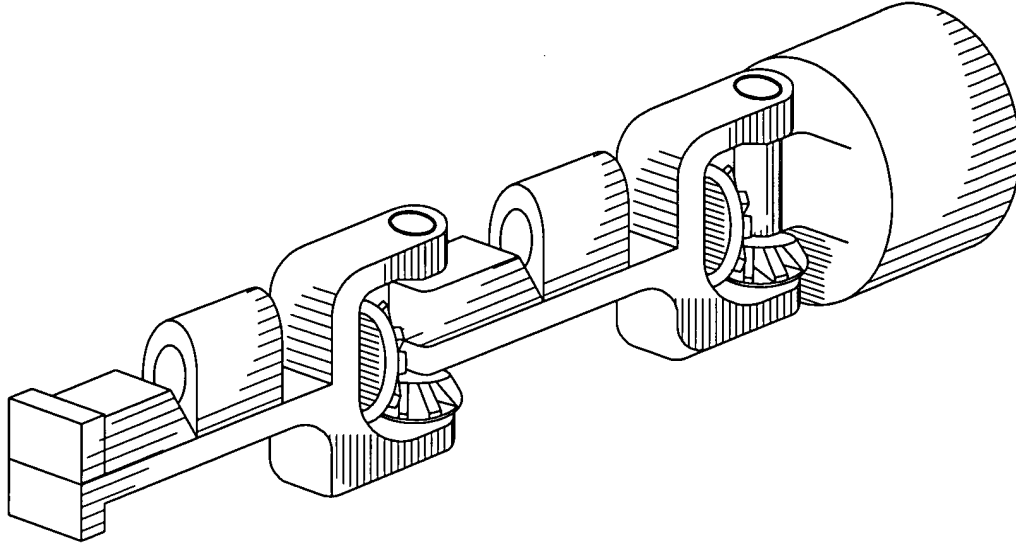


FIG. 11

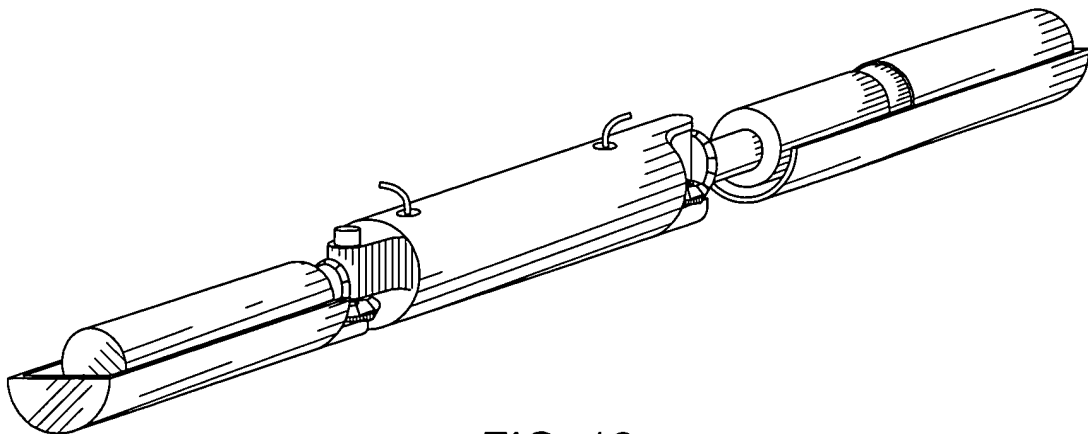


FIG. 12



REPLACEMENT SHEET
Atty Dkt. No.: UNMC/0006
U.S. Serial No.: 10/616,096 Conf. No.: 9525
Filed: July 8, 2003
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Title: MICROROBOT FOR SURGICAL APPLICATIONS
Inventor: Oleynikov et al. Page 7 of 21

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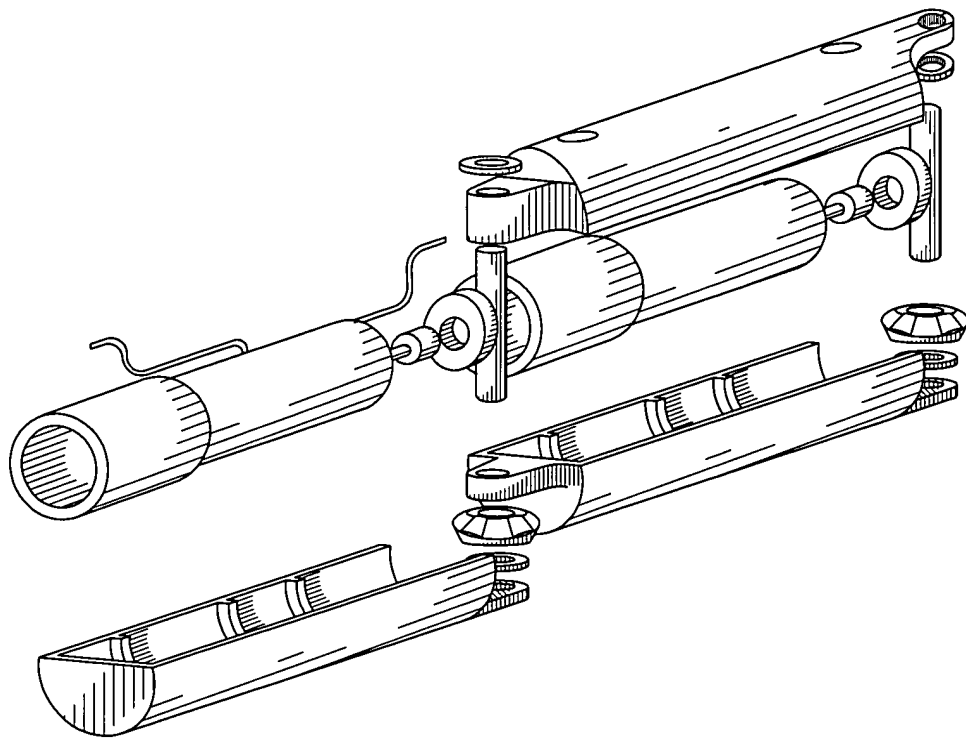


FIG. 13



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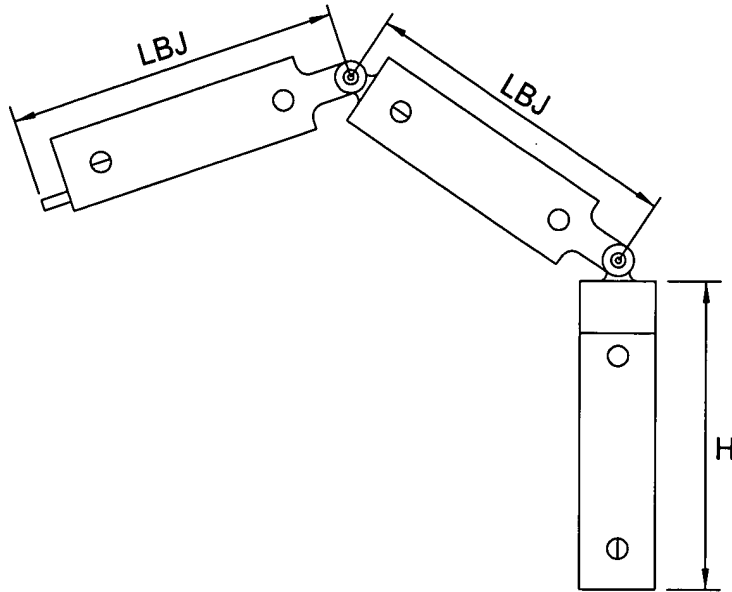


FIG. 14

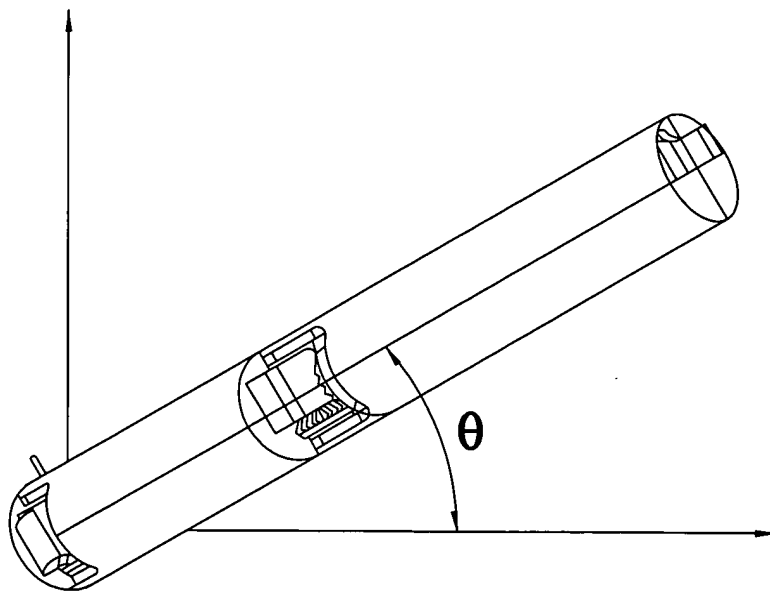


FIG. 15



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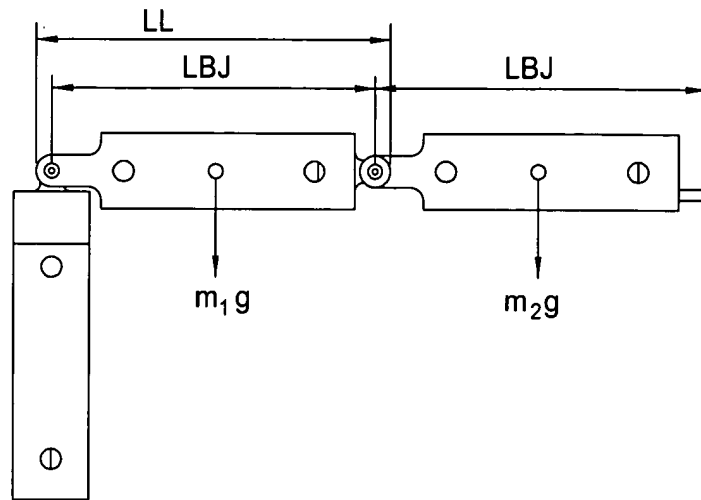


FIG. 16

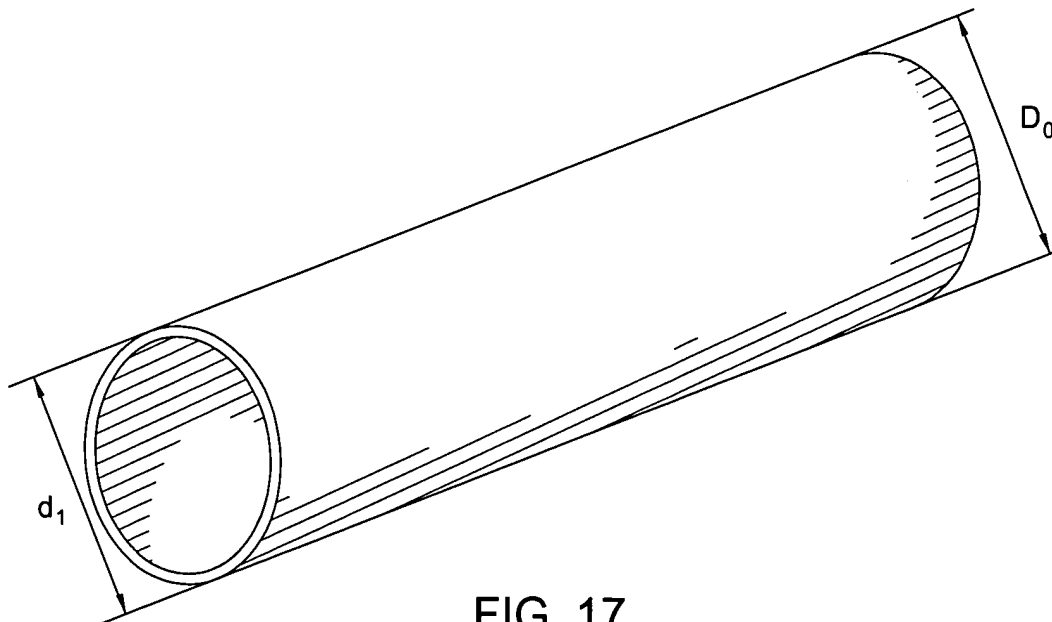


FIG. 17



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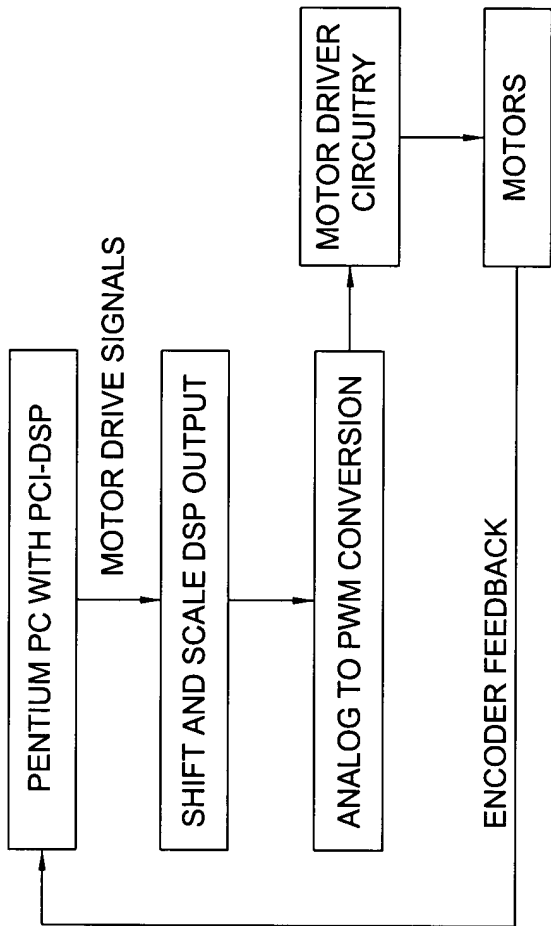


FIG. 18

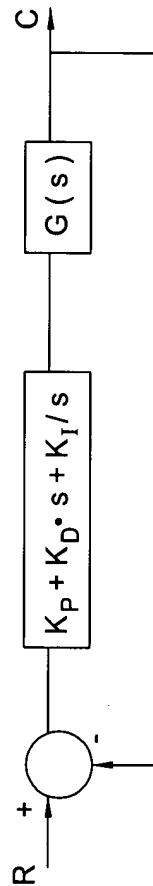


FIG. 25



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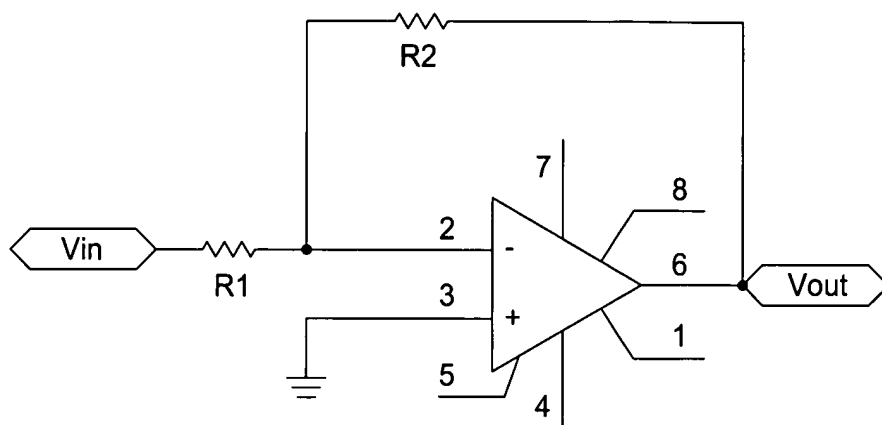


FIG. 19A

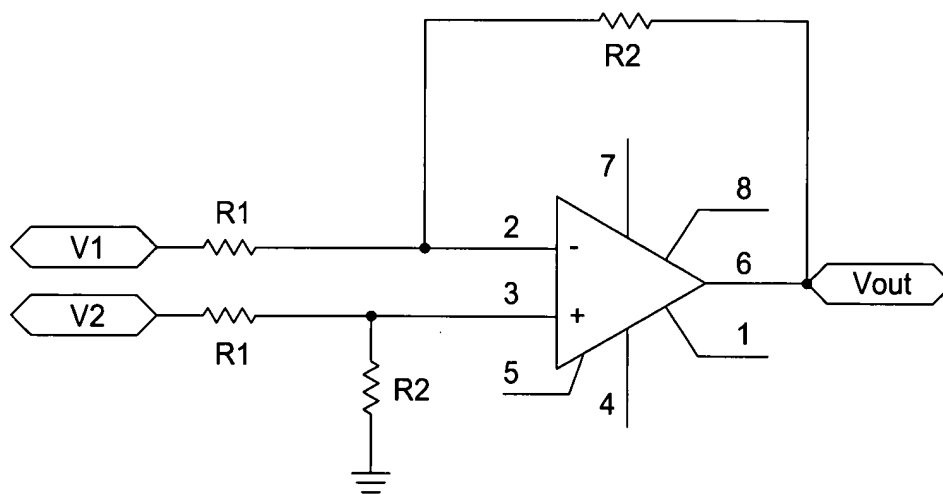


FIG. 19B



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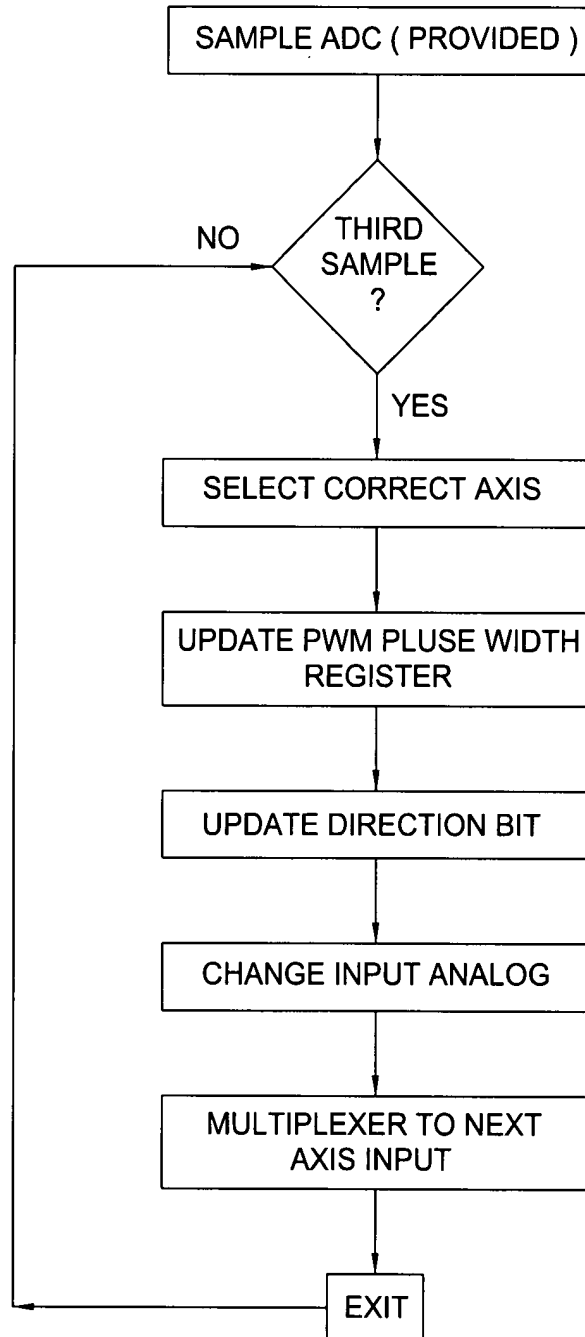


FIG. 20



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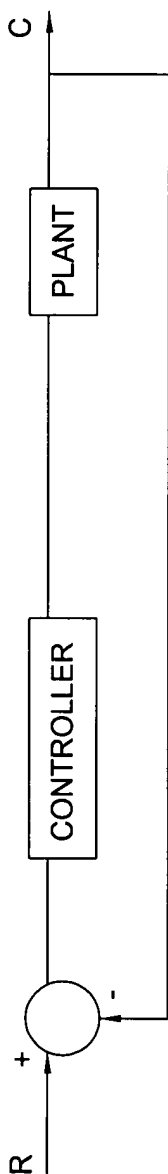


FIG. 21

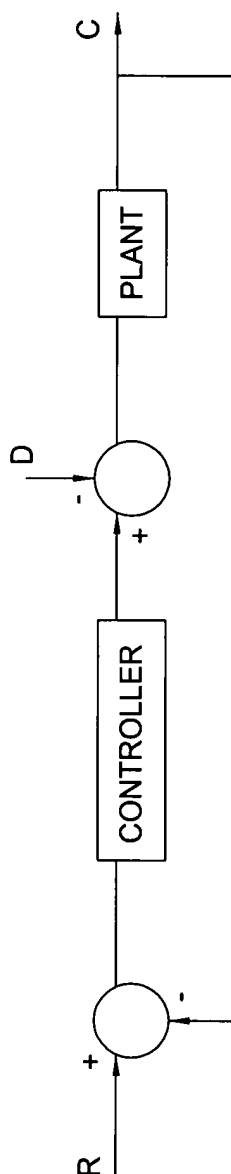


FIG. 22



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IMPLUSE RESPONSE ON AXIS 1

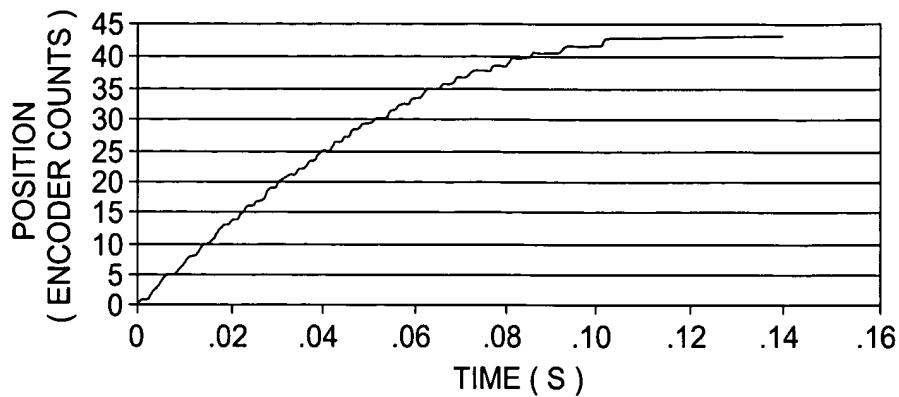


FIG. 23A

IMPLUSE RESPONSE ON AXIS 2

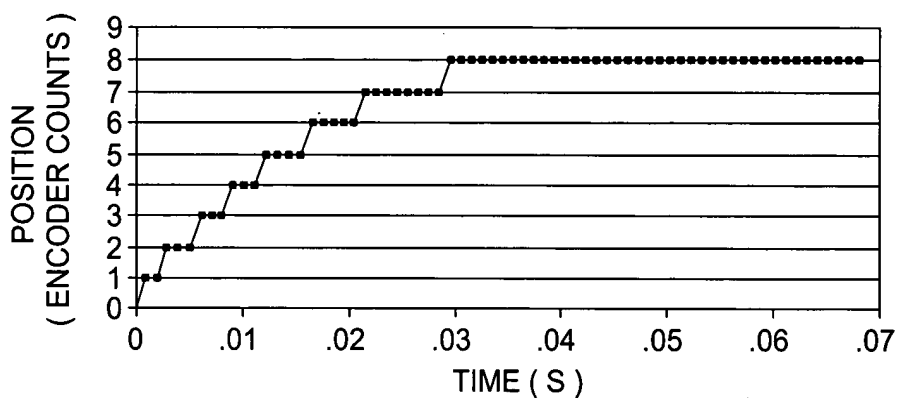


FIG. 23B

IMPLUSE RESPONSE ON AXIS 3

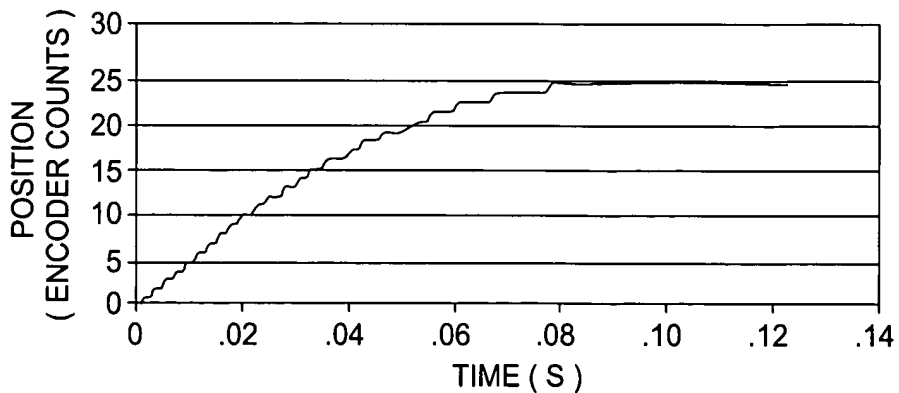
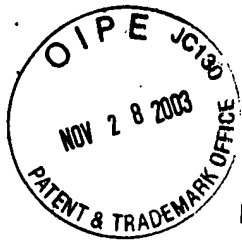
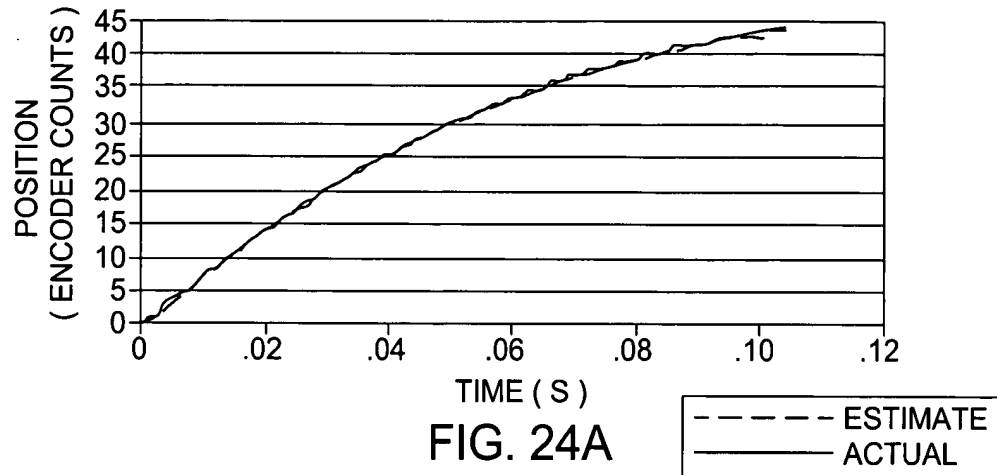


FIG. 23C

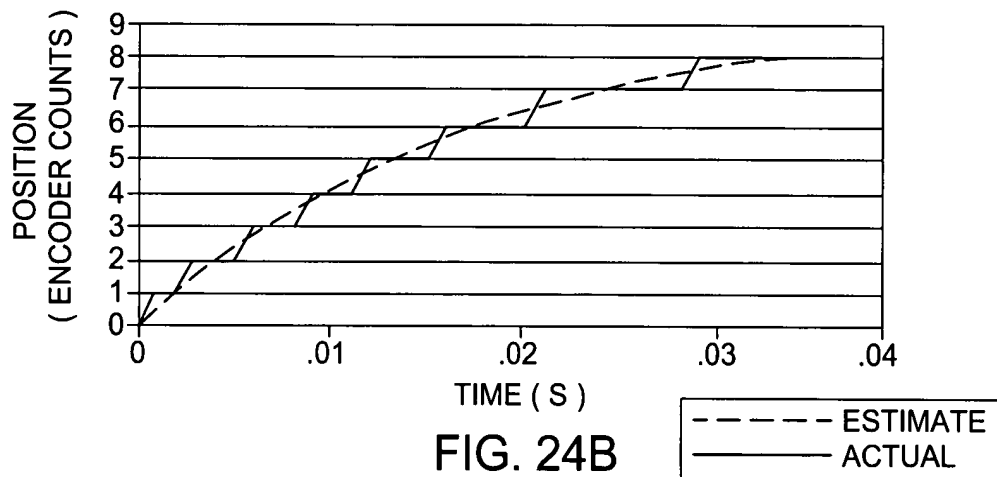


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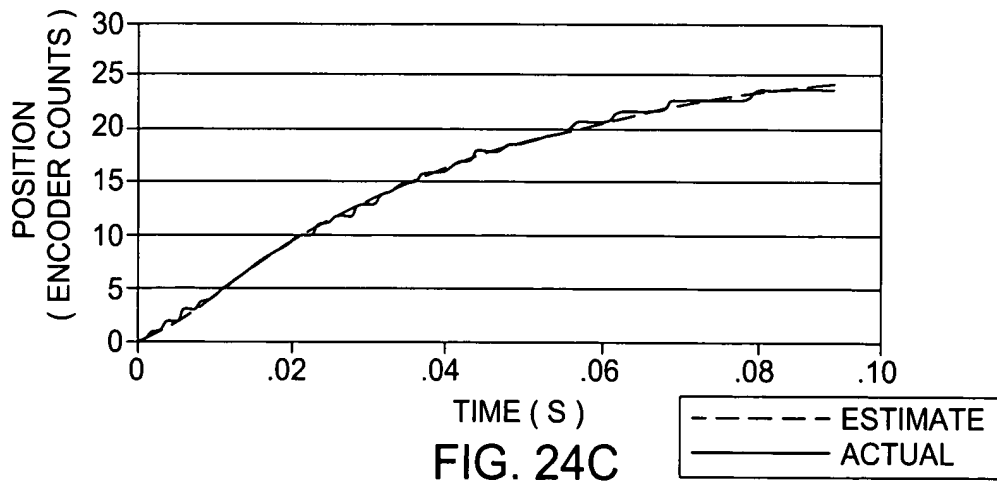
IMPLUSE RESPONSE ON AXIS 1



IMPLUSE RESPONSE ON AXIS 2



IMPLUSE RESPONSE ON AXIS 3





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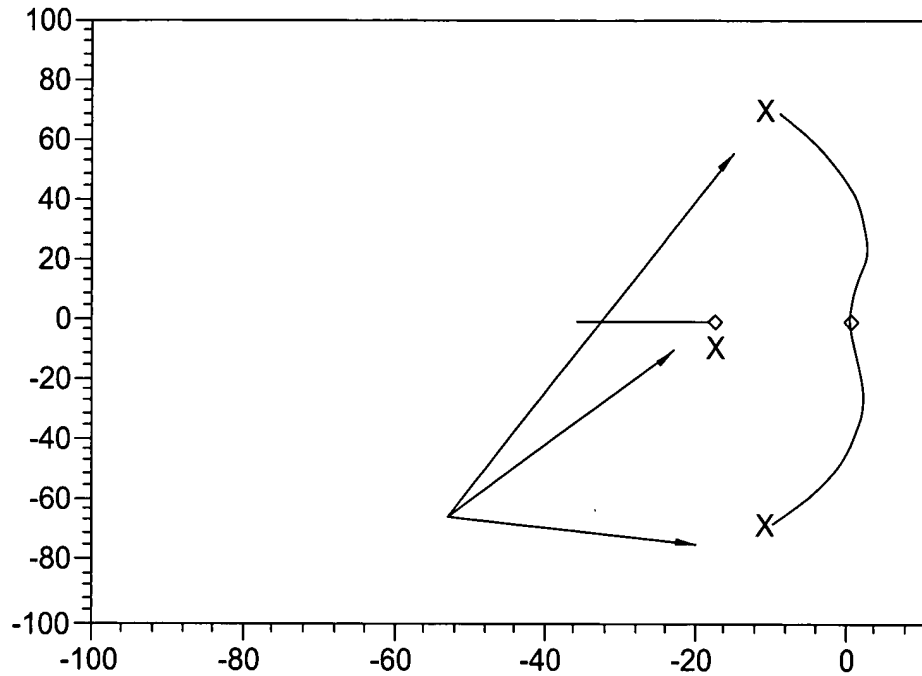


FIG. 26A

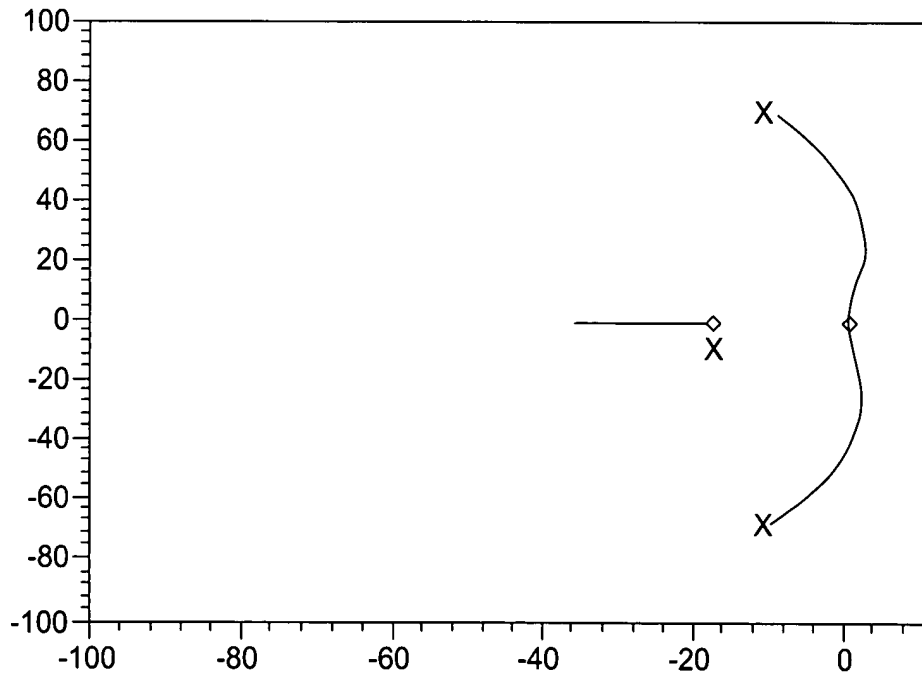


FIG. 26B



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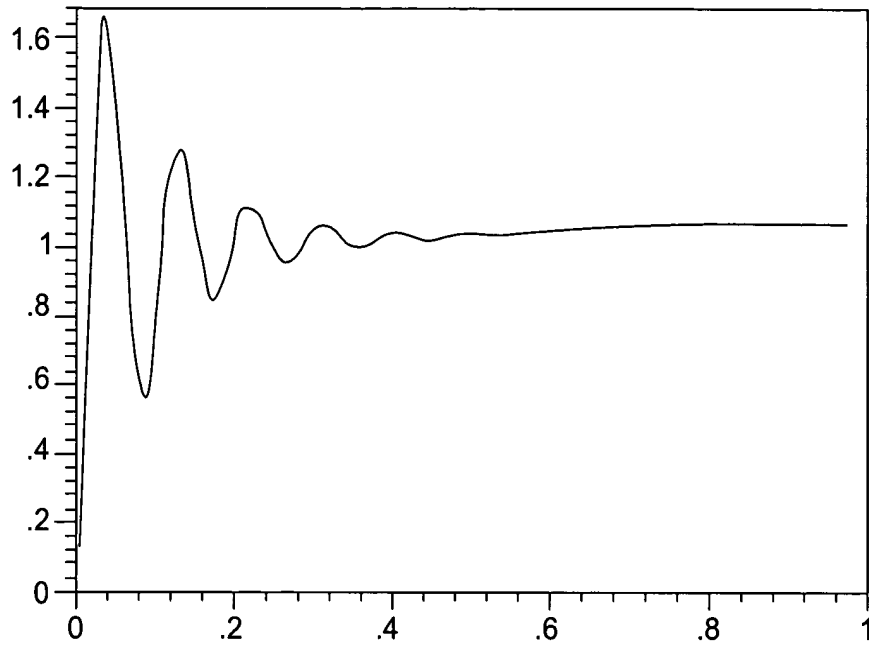


FIG. 27A

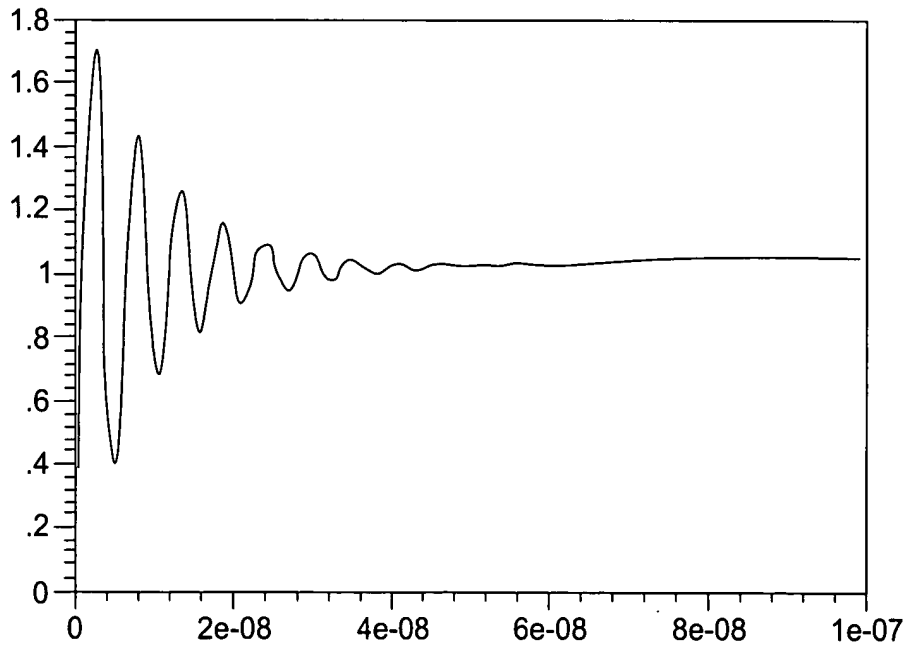


FIG. 27B



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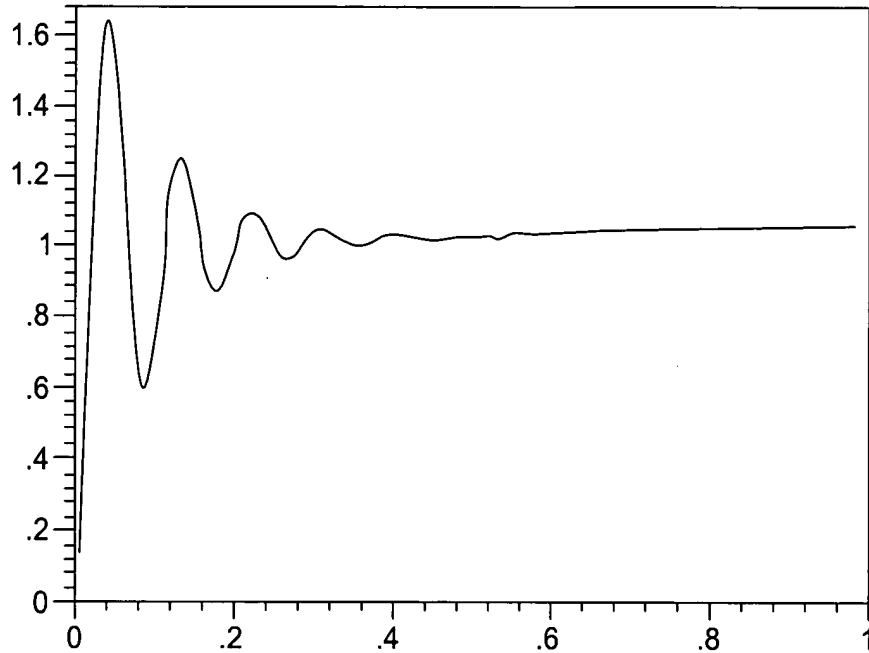


FIG. 27C

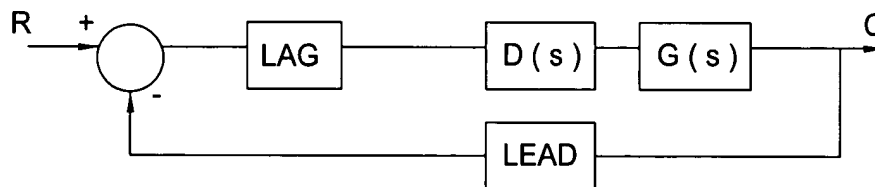


FIG. 28



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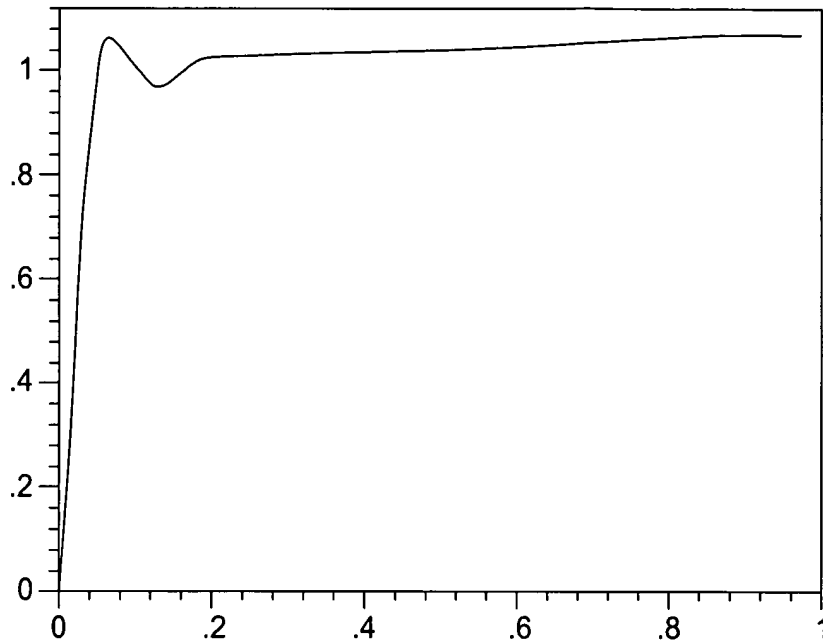


FIG. 29A

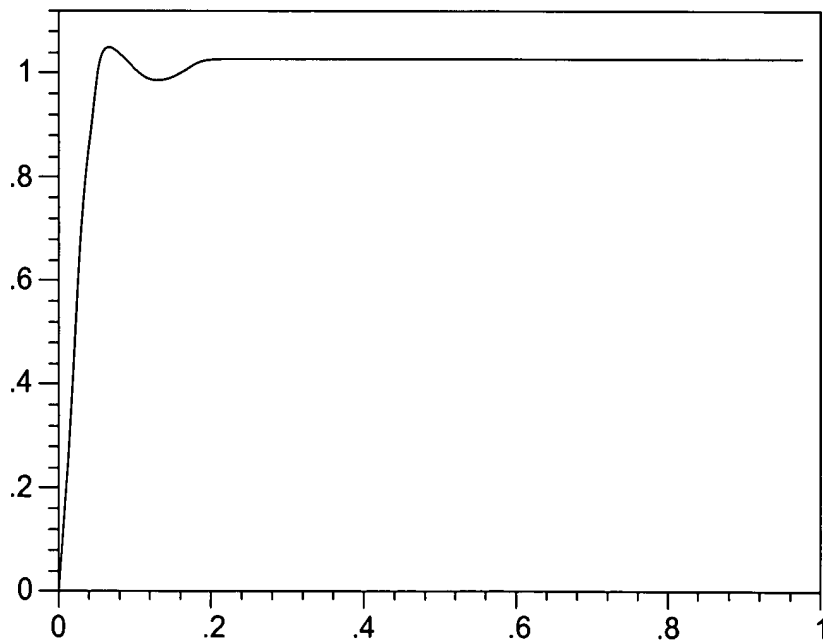


FIG. 29B



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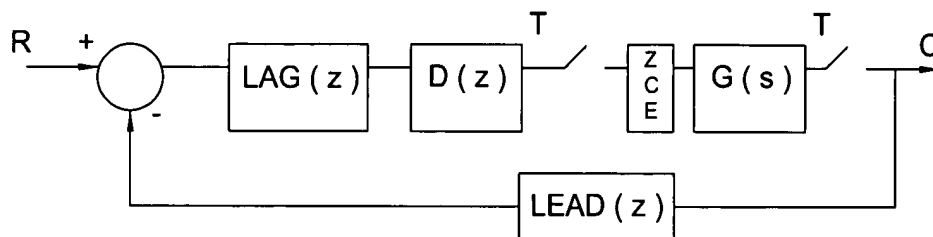


FIG. 30

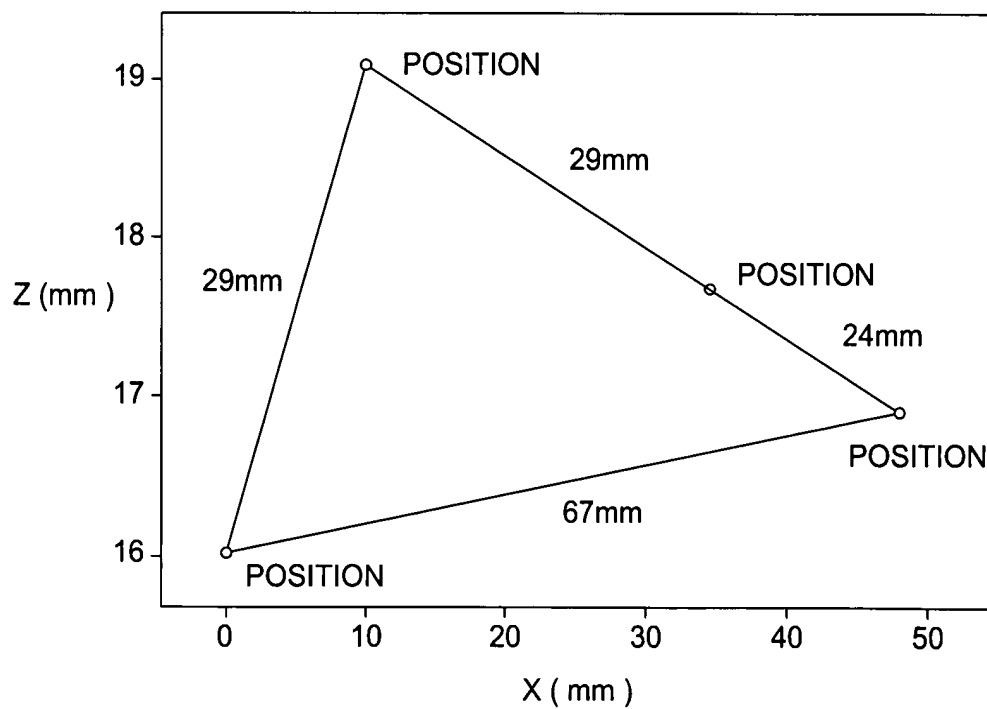


FIG. 31



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FIG. 32

